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TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

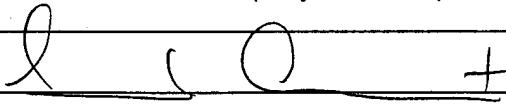
Application Number	09/885,002
Filing Date	June 21, 2001
First Named Inventor	David Adams
Art Unit	2642
Examiner Name	Marie C. Ubiles
Attorney Docket No.	191115.407C2

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Request for Corrected Filing	<input type="checkbox"/> Communication to TC
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Receipt	<input type="checkbox"/> Appeal Communication to
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Board of Appeals and
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition	<input type="checkbox"/> Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition to Convert to a	<input type="checkbox"/> Appeal Communication to
<input type="checkbox"/> Express Abandonment	<input type="checkbox"/> Provisional Application	<input type="checkbox"/> TC (Appeal Notice, Brief,
Request	<input checked="" type="checkbox"/> Power of Attorney,	<input type="checkbox"/> Reply Brief)
<input type="checkbox"/> Information Disclosure	<input type="checkbox"/> Revocation, Change of	<input type="checkbox"/> Proprietary Information
Statement; Form PTO-1449	<input type="checkbox"/> Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Cited References	<input type="checkbox"/> Declaration	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority	<input checked="" type="checkbox"/> Statement under 37 CFR	<input type="checkbox"/> Other Enclosure(s) (please
Document(s)	<input type="checkbox"/> 3.73(b)	identify below):
<input type="checkbox"/> Response to Missing Parts	<input type="checkbox"/> Terminal Disclaimer	<hr/>
under 37 C.F.R. 1.52 or 1.53	<input type="checkbox"/> Request for Refund	<hr/>
<input type="checkbox"/> Response to Missing	<input type="checkbox"/> CD, Number	<hr/>
Parts/Incomplete Application	<input type="checkbox"/> of CD(s)	<hr/>
	<input type="checkbox"/> Landscape Table on CD	

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature			
Printed Name	Frank Abramonte		
Date	January 12, 2005	Reg. No.	38,066

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature		
Typed or printed name	Wendy Thomas	Date: January 12, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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**ELECTION AND POWER OF
ATTORNEY and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	09/885,002
Filing Date	June 21, 2001
First Named Inventor	David Adams
Title	TEST SYSTEM FOR REMOTELY TESTING SWITCHES WITHIN A TELECOMMUNICATIONS NETWORK
Art Unit	2683
Examiner Name	
Attorney Docket Number	191115.407C2

I hereby appoint:

 Practitioners at Seed IP Law Group PLLC, Customer Number: 00500**OR** Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number.**OR** The address associated with Customer Number:**OR**

<input type="checkbox"/> Firm or Individual Name				
Address				
City		State		ZIP
Country				
Telephone		Fax		

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).* As assignee of record of the entire interest I/we hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor(s).**SIGNATURE of Applicant or Assignee of Record**

Name	John S. Read
Signature	
Date	10.15.03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

 *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: David Adams et al.Application No./Patent No.: 09/885,002 Filed/Issue Date: June 21, 2001Entitled: **TEST SYSTEM FOR REMOTELY TESTING SWITCHES WITHIN A
TELECOMMUNICATIONS NETWORK**

Casabyte, Inc., a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the
current assignee as shown below:

1. From: David Adams et al. To: Acterna, LLCThe document was recorded in the United States Patent and Trademark Office at
Reel 012126, Frame 0490, or for which a copy thereof is attached.2. From: Acterna, LLC To: Casabyte, Inc.The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title noted in B(2) above are
attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

October 15, 2003

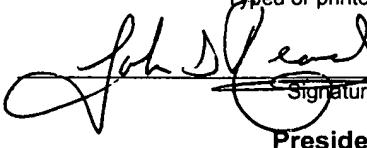
Date

John S. Read

Typed or printed name

(425) 254-9925

Telephone Number


John S. Read

Signature

President

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXECUTION COPY

ASSIGNMENT

WHEREAS, Acterna LLC (hereinafter referred to as ASSIGNOR), a limited liability company of the State of Delaware having a place of business at 12410 Milestone Center Drive, Germantown, Maryland 20876-7100, is the owner of record of an invention as described and claimed in the specification for which an application for United States letters patent was filed on June 21, 2001, and assigned Application No. 09/885,002;

WHEREAS, Casabyte Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at 222 Williams Avenue South, Renton, Washington 98055, is desirous of acquiring the entire right, title and interest in and to said letters patent;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention including any extensions and term adjustments to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

DATED: August 4, 2003.

ASSIGNOR:

ACTERNA LLC, a Delaware limited liability company

By: James Brannick
Name: James Brannick
Title: Treasurer

STATE OF MARYLAND)
) ss.
COUNTY OF MONTGOMERY)

I HEREBY CERTIFY that on this 4 day of August, 2003, before me, the subscriber, a Notary Public, in and for the County and State aforesaid, personally appeared Jones Brownick, who acknowledged himself/herself to be the Treasurer of ACTERNA LLC and made oath in due form of law that he/she was authorized to execute the instrument and acknowledged the instrument to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

AS WITNESS my hand and Notarial Seal.

Jody A. Terrey, Notary Public
My commission expires: 3/19/04

BEST AVAILABLE COPY